

9/24/03

SHEET 1 OF 21

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 242993US55CONT		SERIAL NO. NEW U.S. APPLICATION 10/668,179	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Bernhard O. PALSSON, et al.		FILING DATE Herewith- 9/24/03	
				GROUP 1632			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
AMF	AA	6,326,198	12/04/01	Emerson et al			
	AB	6,299,650	10/09/01	Van Blitterswijk et al			
	AC	5,811,094	09/22/98	Caplan et al			
	AD	5,646,043	07/08/97	Emerson et al			
	AE	4,135,975	01/23/79	Lichtman et al			
	AF	4,514,499	04/30/85	Noll			
	AG	4,861,714	08/29/89	Dean et al			
	AH	5,032,407	07/16/91	Wagner et al			
	AI	5,605,822	02/25/97	Emerson et al			
	AJ	5,670,351	09/23/97	Emerson et al			
	AK	4,481,946	11/13/84	Altshuler et al			
	AL	4,714,680	12/22/87	Civin			
	AM	4,889,812	12/26/89	Guinn et al			
AMF	AN	5,032,508	07/16/91	Naughton et al			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
AMF	AO	90/15877A2	12/27/90	WIPO w/Abstract			
	AP	95/06409	03/09/95	WIPO w/Abstract			
	AQ	0 358 506	03/14/90	Europe w/Abstract			
	AR	0 455 482	11/06/91	Europe w/Abstract			
	AS	93/18136	09/16/93	WIPO w/Abstract			
AMF	AT	93/18137	09/16/93	WIPO w/Abstract			
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
AMF	AW	M. W. Glacken et al., "Mammalian cell culture: engineering principles and scale-up", Trends in Biotechnology, Vol. 1, No. 4, 1983, PP. 102-108					
	AX	Steven A. ROSENBERG et al., "In Vitro Growth of Murine T Cells II. Growth of in Vitro Sensitized Cells Cytotoxic for Alloantigens", The Journal of Immunology, Vol. 121, No. 5. November 1978, PP. 1951-1955					
	AY	W. French ANDERSON, "Prospects for Human Gene Therapy", Science, Vol. 26, October 26, 1987, pp. 401-409					
AMF	AZ	T.M. Dexter, "The Message in the medium", Nature, Vol. 309, June 1984, pp 746-747					
Examiner /Anne Marie Falk/					Date Considered 10/15/2006		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
242993US55CONTSERIAL NO.
New U.S. Application

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Bernhard O. PALSSON, et al.

FILING DATE

Herewith

GROUP

1632

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
AMF	BA	5,945,225	08/31/99	Speith-Herfurth et al			
	BB	5,670,147	09/23/97	Emerson et al			
	BC	5,199,942	04/06/93	Gillis			
	BD	4,808,611	02/28/89	Cosman			
	BE	4,963,489	10/16/90	Naughton et al			
	BF	5,061,620	10/29/91	Tsukamoto et al			
	BG	5,922,597	07/13/99	Verfaillie et al			
	BH	5,399,493	03/21/95	Emerson et al			
	BI	4,810,643	03/07/89	Souza			
	BJ	4,965,204	10/23/90	Civin			
	BK	5,851,832	12/22/98	Weiss et al			
	BL	5,635,386	06/03/97	Palsson et al			
	BM	4,486,188	12/04/84	Altshuler et al			
AMF	BN	4,847,201	07/11/89	Kaswasaki et al			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
	BO					
	BP					
	BQ					
	BR					
	BS					
	BT					
	BU					
	BV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

AMF	BW	Manfred R. Koller, et al. "Expansion of Primitive Human Hematopoietic Progenitors in a Perfusion Bioreactor System with LL-3, LL-6, and Stem Cell Factor", Biotechnology, Vol. 11, March, 1993, pp. 358-363
	BX	Bernhard O. PALSSON et al, "Expansion of Human Bone Marrow Progenitor Cells in a High Cell Density Continuous Perfusion System", Biotechnology, Vol. 11, March, 1993, pp. 368-372
	BY	Giovanni MIGLIACCIO et al., "In Vitro Differentiation of Human Granulocyte/Macrophage and Erythroid Progenitors: Comparative Analysis of the Influence of Recombinant Human Erythropoietin, G-CSF, GM-CSF, and IL-3 in Serum-Supplemented and Serum-Deprived Cultures", Blood, Vol. 72, No. 1 July 1988, pp. 248-255
AMF	BZ	Ian K. McNiece et al., "Studies on the Myeloid Synergistic Factor From 5637: Comparison with Interleukin-1 Alpha", Blood, Vol. 73, No. 4 (March), 1989, pp. 919-923

Examiner

/Anne Marie Falk/

Date Considered 10/15/2006

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 242993US55CONT		SERIAL NO. New U.S. Application	
LIST OF REFERENCES CITED BY APPLICANT.				APPLICANT Bernhard O. PALSSON et al			
				FILING DATE New U.S. Application		GROUP 1632	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
AMF	CA	5,004,681	04/02/91	Boyse et al			
AMF	CB	5,851,832	12/22/98	Weiss et al			
AMF	CC	6,326,198	12/01	Emerson et al			
	CD						
	CE						
	CF						
	CG						
	CH						
	CI						
	CJ						
	CK						
	CL						
	CM						
	CN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	CO						
	CP						
	CQ						
	CR						
	CS						
	CT						
	CU						
	CV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
AMF	CW	Paul BAINES et al., Exp. Hematol. 16:785-789 (1988)					
AMF	CX	Jan A. NOLTA et al., Human Gene Therapy, 1:257-268 (1990)					
AMF	CY	John R. STEPHENSON et al., Proc. Nat. Acad. Sci. U.S.A., Vol. 68, No. 7, pp. 1542-1546, July 1971					
AMF	CZ	Giovanni MIGLIACCIO et al., Exp. Hematol. 18:1049-1055 (1990)					
Examiner /Anne Marie Falk/					Date Considered 10/15/2006		
<small>*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
242993US55CONTSERIAL NO.
New U.S. Application

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Bernhard O. PALSSON, et al.

FILING DATE

Herewith

GROUP

1632

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	DA						
	DB						
	DC						
	DD						
	DE						
	DF						
	DG						
	DH						
	DI						
	DJ						
	DK						
	DL						
	DM						
	DN						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO	
	DO					
	DP					
	DQ					
	DR					
	DS					
	DT					
	DU					
	DV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

AMF	DW	Richard M. Schwartz et al., "In Vitro Myelopoiesis Stimulated by Rapid Medium Exchange and Supplementation With Hematopoietic Growth Factors", Blood, Vol 78, No. 12, December 15, 1991, pp. 3155-3161
↓	DX	Rob E. Ploemacher et al., "Use of Limiting-Dilution Type Long-Term Marrow Cultures in Frequency Analysis of Marrow-Repopulating and Spleen Colony-Forming Hematopoietic Stem Cells in the Mouse", Blood, Vol 78, No. 10 (November 15, 1991, pp. 2527-2533
↓	DY	Manfred R. Koller et al., "Effects of Synergistic Cytokine Combinations, Low Oxygen, and Irradiated Stroma on the Expansion of Human Cord Blood Progenitors", Blood, Vol 80, No. 2 (July 15, 1992), pp. 403-411
AMF	DZ	J. AIKEN et al., Journal of Pediatric Surgery, Vol. 25, No. 1 (January), 1990; pp. 140-145

Examiner /Anne Marie Falk/

Date Considered 10/15/2006

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
242993US55CONTSERIAL NO.
New U.S. Application

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Bernhard O. PALSSON, et al.

FILING DATE

Herewith

GROUP

1632

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	EA						
	EB						
	EC						
	ED						
	EE						
	EF						
	EG						
	EH						
	EI						
	EJ						
	EK						
	EL						
	EM						
	EN						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO	
	EO					
	EP					
	EQ					
	ER					
	ES					
	ET					
	EU					
	EV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

AMF	EW	C. FAVRE et al., "Interleukin-4 has Basophilic and Eosinophilic Cell Growth-Promoting Activity on Cord Blood Cells", Blood, Vol. 1, January 1, 1990, pp. 67-73
↓	EX	Yoichi TAKAUE et al., "Limiting-Dilution Analysis of the Effects of Colony-Stimulating Factors, Phytohemagglutinin, and Hydrocortisone on Hematopoietic Progenitor Cell Growth", Blood, Vol. 70, No. 5, November, 1987, pp. 1611-1618
↓	EY	Yoichi TAKAUE et al., "Effect of Recombinant Human G-CSF, GM-CSF, IL-3, and IL-1α on the Growth of Purified Human Peripheral Blood Progenitors", Blood, Vol. 76, No. 2, July 15, 1990, pp. 330-335
AMF	EZ	H. J. Sutherland et al., "Alternative Mechanisms With and Without Steel Factor Support Primitive Human Hematopoiesis", Blood, Vol. 81, No. 6, March 15, 1993, pp. 1465-1470

Examiner /Anne Marie Falk/

Date Considered 10/15/2006

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
242993US55CONTSERIAL NO.
New U.S. Application

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Bernhard O. PALSSON, et al.

FILING DATE
HerewithGROUP
1632

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	FA						
	FB						
	FC						
	FD						
	FE						
	FF						
	FG						
	FH						
	FI						
	FJ						
	FK						
	FL						
	FM						
	FN						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO
	FO				
	FP				
	FQ				
	FR				
	FS				
	FT				
	FU				
	FV				

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

AMF	FW	Lucia H. Coutinho et al., "Effects of Recombinant Human Granulocyte Colony-Stimulating Factor (CSF), Human Granulocyte Macrophage-CSF, and Gibbon Interleukin-3 on Hematopoiesis in Human Long-Term Bone Marrow Culture", Blood, Vol. 11, June 1, 1990, pp. 2118-2129
↓	FX	Susan C. GUBA et al., "Bone Marrow Stromal Fibroblasts Secrete Interleukin-6 and Granulocyte-Macrophage Colony-Stimulating Factor in the Absence of Inflammatory Stimulation: Demonstration by Serum-Free Bioassay, Enzyme-Linked Immunosorbent Assay, and Reverse Transcriptase Polymerase Chain Reaction", Blood, Vol. 80, No. 5, September 1, 1992, pp. 1190-1198
↓	FY	Richard M. SCHWARTZ et al., "Rapid medium perfusion rate significantly increases the productivity and longevity of human bone marrow cultures", Proc. Natl. Acad. Sci. USA, Vol. 88, pp. 6760-6764, August 1991
AMF	FZ	David E. HARRISON et al., "Primitive hemopoietic stem cells: direct assay of most productive populations by competitive repopulation with simple binomial, correlation and covariance calculations", Experimental Hematology 21:206-219 (1993)

Examiner /Anne Marie Falk/

Date Considered 10/15/2006

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
242993US55CONTSERIAL NO.
New U.S. Application

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Bernhard O. PALSSON, et al. .

FILING DATE

Herewith

GROUP

1632

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	GA						
	GB						
	GC						
	GD						
	GE						
	GF						
	GG						
	GH						
	GI						
	GJ						
	GK						
	GL						
	GM						
	GN						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
	GO					
	GP					
	GQ					
	GR					
	GS					
	GT					
	GU					
	GV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

AMF	GW	D. KRUMWIEH et al., "Preclinical Studies on Synergistic Effects of IL-1, IL-3, G-CSF and GM-CSF in Cynomolgus Monkeys", International Journal of Cell Cloning 8:229-248, Suppl. 1 (1990)
AMF	GX	Makio OGAWA, Ph.D., "Effects of Hemopoietic Growth Factors on Stem Cells in Vitro", Hematology/Oncology Clinics of North America, Vol. 3(3) September 1989, pp. 453-464
AMF	GY	Jerry CALDWELL et al., "Culture Perfusion Schedules Influence the Metabolic Activity and Granulocyte-Macrophage Colony-Stimulating Factor Production Rates of Human Bone Marrow Stromal Cells", Journal of Cellular Physiology, 147:344-353 (1991)
AMF	GZ	C.M. HEYWORTH et al., "The Role of Hemopoietic Growth Factors in Self-Renewal and Differentiation of IL-3-Dependent Multipotential Stem Cells", Growth Factors, 1990, Vol. 2, pp. 197-211

Examiner /Anne Marie Falk/

Date Considered 10/15/2006

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 242993US55CONT		SERIAL NO. New U.S. Application	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Bernhard O. PALSSON, et al.			
				FILING DATE Herewith		GROUP 1632	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	HA						
	HB						
	HC						
	HD						
	HE						
	HF						
	HG						
	HH						
	HI						
	HI						
	HK						
	HL						
	HM						
	HN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	HO						
	HP						
	HQ						
	HR						
	HS						
	HT						
	HU						
	HV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
AMF	HW	Shiang HUANG et al., "Formation of haematopoietic Microenvironment and haematopoietic stem cells from single human bone marrow stem cells", Nature, Vol. 360, 24/31 December 1992, pp. 745-749					
AMF	HX	Randy A. HOCK et al., "Retrovirus-mediated transfer and expression of drug resistance genes in human haematopoietic progenitor cells", Nature, Vol. 320, March 1986, pp. 275-277					
AMF	HY	A.A. FAUSER et al., "Granuloerythropoietic Colonies in Human Bone Marrow, Peripheral Blood, and Cord Blood" Blood, Vol. 52, No. 6, December 1978, pp. 1243-1248					
AMF	HZ	C.D. MYERS et al., "A Cell Line Secreting Stimulating Factors for CFU-GEMM Culture", Blood, Vol. 64, No. 1 (July) 1984, pp. 152-155					
Examiner /Anne Marie Falk/					Date Considered 10/15/2006		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
242993US55CONTSERIAL NO.
New U.S. Application

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Bernhard O. PALSSON, et al.

FILING DATE
HerewithGROUP
1632

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	IA						
	IB						
	IC						
	ID						
	IE						
	IF						
	IG						
	IH						
	IJ						
	IJ						
	IK						
	IL						
	IM						
	IN						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
	IO					
	IP					
	IQ					
	IR					
	IS					
	IT					
	IU					
	IV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

AMF	IW	Alice M. WANG et al., "Molecular Cloning of the Complementary DNA for Human Tumor Necrosis Factor", Science, Vol. 228, 20 November 1984, pp. 149-154
AMF	IX	Colin A. SIEFF et al., "Human Recombinant Granulocyte-Macrophage Colony-Stimulating Factor: A Multilineage Hematopoietin" Science, Vol. 230, 6 December 1985, pp. 1171-1173
AMF	IY	Robert E. DONAHUTE et al., "Human IL-3 and GM-CSF Act Synergistically in Stimulating Hematopoiesis in Primates", Science, Vol. 241, 30 September 1988, pp. 1820-1823
AMF	IZ	Ronald H. SCHWARTZ, "A Cell Culture Model for T Lymphocyte Clonal Anergy", Science, Vol. 248, 15 June 1990, pp. 1349-1356

Examiner /Anne Marie Falk/

Date Considered 10/15/2006

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 242993US55CONT		SERIAL NO. New U.S. Application	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Bernhard O. PALSSON, et al.			
				FILING DATE Herewith		GROUP 1632	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	JA						
	JB						
	JC						
	JD						
	JE						
	JF						
	JG						
	JH						
	JI						
	JJ						
	JK						
	JL						
	JM						
	JN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	JO						
	JP						
	JQ						
	JR						
	JS						
	JT						
	JU						
	JV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
AMF	JW	Toshio SUDA et al., "A Stimulatory Effect of Recombinant Murine Interleukin-7 (IL-7) on B-Cell Colony Formation and an Inhibitory Effect of IL-1 α ", Blood, Vol. 74, No. 6, November 1, 1989, pp. 1936-1941					
AMF	JX	Heather J. SUTHERLAND et al., "Characterization and Partial Purification of Human Marrow Cells Capable of Initiating Long-Term Hematopoiesis In Vitro", Blood, Vol. 74, No. 5 (October), 1989; pp. 1563-1570					
AMF	JY	Sem SEELAND et al., "Combined and Sequential Effects of Human IL-3 and GM-CSF on the Proliferation of CD34+ Hematopoietic Cells From Cord Blood", Blood, Vol. 73, No. 5, (April), 1989; pp. 1195-1201					
AMF	JZ	Sallie S. BOGGS, "Targeted Gene Modification for Gene Therapy of Stem Cells", International Journal of Cell Cloning 8:80-96 (1990)					
Examiner /Anne Marie Falk/					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 242993US55CONT		SERIAL NO. New U.S. Application	
LIST OF REFERENCES CITED BY APPLICANT.				APPLICANT Bernhard O. PALSSON, et al. .			
				FILING DATE Herewith		GROUP 1632	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	KA						
	KB						
	KC						
	KD						
	KE						
	KF						
	KG						
	KH						
	KI						
	KJ						
	KK						
	KL						
	KM						
	KN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	KO						
	KP						
	KQ						
	KR						
	KS						
	KT						
	KU						
	KV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
AMF	KW	Cynthia E. DUNBAR et al., "Gene Transfer into Hematopoietic Progenitor and Stem Cells: Progress and Problems", Stem Cells 1994;12:563-576					
AMF	KX	Angelika MUELLER, "Die Knochenmarkstammzellkultur Technische Voraussetzungen und klinische Einsatzmoeglichkeiten", Folia Haematol., Leipzig 116 (1989) 5, 731-743					
AMF	KY	Stephen G. EMERSON et al., "Purification of Fetal Hematopoietic Progenitors and Demonstration of Recombinant Multipotential Colony-stimulating Activity", The Journal of Clinical Investigation, Vol. 76, September 1985, 1286-1290					
AMF	KZ	pp. 573-578: "Clinical Transplantation", In <u>Immunology</u> , Second Edition, J. Kuby, W.H. Freeman and Company, New York (1994)					
Examiner /Anne Marie Falk/					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 242993US55CONT		SERIAL NO. New U.S. Application	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Bernhard O. PALSSON, et al.			
				FILING DATE Herewith		GROUP 1632	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	LA						
	LB						
	LC						
	LD						
	LE						
	LF						
	LG						
	LH						
	LI						
	LJ						
	LK						
	LL						
	LM						
	LN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	LO						
	LP						
	LQ						
	LR						
	LS						
	LT						
	LU						
	LV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
AMF	LW	Theodore FRIEDMANN, "Overcoming the Obstacles-Treating disease by providing needed genes remains a compelling idea, but clinical and basic researchers still have much to do before gene therapy can live up to its promise", Scientific American, June 1997, pp. 96-101					
AMF	LX	Joseph FEDER et al., "The Large-Scale Cultivation of Mammalian Cells", Scientific American, Vol. 248, No. 1 (January 1983), pp. 24-31					
AMF	LY	Heather J. SUTHERLAND, "Functional characterization of individual human hematopoietic stem cells cultured at limiting dilution on supportive marrow stromal layers", Proc. Natl. Acad. Sci. USA, Vol. 87 (1990), pp. 3584-3588					
AMF	LZ	Janice L. GABRILOVE et al., "Pluripoietin α: A second human hematopoietic colony-stimulating factor produced by the human bladder carcinoma cell line 5637", Proc. Natl. Acad. Sci. USA, Vol. 83, pp. 2478-2482, April 1986					
Examiner /Anne Marie Falk/					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 242993US55CONT		SERIAL NO. New U.S. Application	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Bernhard O. PALSSON, et al.			
				FILING DATE Herewith		GROUP 1632	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	MA						
	MB						
	MC						
	MD						
	ME						
	MF						
	MG						
	MH						
	MI						
	MJ						
	MK						
	ML						
	MM						
	MN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	MO						
	MP						
	MQ						
	MR						
	MS						
	MT						
	MU						
	MV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
AMF	MW	Jeffrey A. HUBBELL et al., "Endothelial Cell-Selective Materials for Tissue Engineering in the Vascular Graft Via a New Receptor, Biotechnology, Vol. 9, June 1991, pp. 568-572					
AMF	MX	Jerry CALDWELL et al., "Influence of Medium Exchange Schedules on Metabolic, Growth, and GM-CSF Secretion Rates of Genetically Engineered NIH-3T3 Cells", Biotechnology Progress, Vol. 7, No. 1, January/February 1991, pp. 1-8					
AMF	MY	Li Lu et al., "Effect of recombinant and purified human haematopoietic growth factors on in vitro colony formation by enriched populations of human megakaryocyte progenitor cells", British Journal of Haematology, 1988, Vol. 70, pp. 149-156					
AMF	MZ	A. Montes BORINAGA et al., "Interleukin-6 is a cofactor for the growth of myeloid cells from human bone marrow aspirates but does not affect the clonogenicity of myeloma cells in vitro", British Journal of Haematology, 1990, No. 76, pp. 476-483					
Examiner				/Anne Marie Falk/		Date Considered	
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
242993US55CONTSERIAL NO.
New U.S. Application

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Bernhard O. PALSSON, et al. .

FILING DATE

Herewith

GROUP

1632

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	NA						
	NB						
	NC						
	ND						
	NE						
	NF						
	NG						
	NH						
	NI						
	NJ						
	NK						
	NL						
	NM						
	NN						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO
	NO				
	NP				
	NQ				
	NR				
	NS				
	NT				
	NU				
	NV				

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

AMF	NW	P.M. LEHN., "Gene therapy using bone marrow transplantation: a 1990 update", Bone Marrow Transplantation (1990), No. 5, pp. 287-293
AMF	NX	Manfred R. KOLLER et al., "Beneficial Effects of Reduced Oxygen Tension and Perfusion in Long-Term Hematopoietic Cultures", Biochemical Engineering, VII, Vol. 665 of the Annals New York Academy of Sciences, pp. 105-116, (October 1992)
AMF	NY	D. KRUMWIEH et al., "Human Recombinant Derived IL-3 and GM-CSF in Hematopoiesis of Normal Cynomolgus Monkeys", Behring Inst., Mitt., No. 83, pp. 250-257 (1988)
AMF	NZ	John BRANDT et al., "Detection of Human Hematopoietic Progenitor Cell Capable of Forming Blast Cell Containing Colonies <u>In Vitro</u> ", Advances in Experimental Medicine and Biology, Vol. 241, pp. 165-173

Examiner /Anne Marie Falk/

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 242993US55CONT		SERIAL NO. New U.S. Application	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Bernhard O. PALSSON, et al.			
				FILING DATE Herewith		GROUP 1632	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	OA						
	OB						
	OC						
	OD						
	OE						
	OF						
	OG						
	OH						
	OI						
	OJ						
	OK						
	OL						
	OM						
	ON						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	OO						
	OP						
	OQ						
	OR						
	OS						
	OT						
	OU						
	OV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
AMF	OW	C.J. EAVES et al., "The Human Hematopoietic Stem Cell In Vitro and In Vivo", Blood Cells (1992) 18:301-307					
AMF	OX	Masaaki ISHIZUKA et al., "Mitogenic Effect of Bestatin on Lymphocytes", The Journal of Antibiotics, Vol. 33, No. 6, (June 1980), pp. 653-662					
AMF	OY	Donald B. Kohn Ph.D. et al., "Gene Therapy for Genetic Diseases", Cancer Investigation, 7(2), pp. 179-192 (1989)					
AMF	OZ	Maria PODOLAK-DAWIDZIAK et al., "Does Human Bladder Carcinoma Cell Line 5637-Conditioned Medium Supplement the Growth of Megakaryocyte Colonies (CFU-Mk) in Cultures of Human bone Marrow", Haematologia, 23:121-123					
Examiner /Anne Marie Falk/					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 242993US55CONT		SERIAL NO. New U.S. Application	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Bernhard O. PALSSON, et al.			
				FILING DATE Herewith		GROUP 1632	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	PA						
	PB						
	PC						
	PD						
	PE						
	PF						
	PG						
	PH						
	PI						
	PJ						
	PK						
	PL						
	PM						
	PN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	PO						
	PP						
	PQ						
	PR						
	PS						
	PT						
	PU						
	PV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
AMF	PW	Jan A. NOLTA et al., "Comparison of the Effects of Growth Factors on Retroviral Vecto-Mediated Gene Transfer and the Proliferative Status of Human Hematopoietic Progenitor Cells", Human Gene Therapy, 1:257-268 (1990)					
AMF	PX	Christoph HEBERLEIN et al., "The Gene for Erythropoietin Receptor is Expressed in Multipotential Hematopoietic and Embryonal Stem Cells: Evidence for Differentiation Stage-Specific Regulation", Molecular and Cellular Biology, Vol. 12 (14) pp. 1815-1826, (1992)					
AMF	PY	Nicholas DAINLAK et al., "Interactions of Insulin, Insulinlike Growth Factor II, and Platelet-derived Growth Factor in Erythropoietic Culture", J. Clin. Invest. Vol. 76, September 1985, 1237-1242					
AMF	PZ	Yves-Jacques SCHNEIDER et al., "Monoclonal Antibody Production in Semi-Continuous Serum-and protein-free culture", Journal of Immunological Methods, Vol. 129 (1990) pp.251-268					
Examiner				/Anne Marie Falk/		Date Considered	
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 242993US55CONT		SERIAL NO. New U.S. Application	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Bernhard O. PALSSON, et al.			
				FILING DATE		GROUP 1632	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	QA						
	QB						
	QC						
	QD						
	QE						
	QF						
	QG						
	QH						
	QI						
	QJ						
	QK						
	QL						
	QM						
	QN						

FOREIGN PATENT DOCUMENTS					
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO
	QO				
	QP				
	QQ				
	QR				
	QS				
	QT				
	QU				
	QV				

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)		
AMF	QW	Philip W. KANTOFF et al., "Expression of Human Adenosine Deaminase in Nonhuman Primates after Retrovirus-Mediated Gene Transfer", J. Exp. Med. Volume 166, July 1987, pp. 219-234.
AMF	QX	Suzanne GARTNER et al., "Long-term culture of human bone marrow cells", Proc. Natl. Acad. Sci. USA, Vol. 77, No. 8, pp. 4756-4759, August 1980
AMF	QY	Kenneth C. EHRLICH et al., "Artificial Capillary Perfusion Cell Culture: Metabolic Studies", In Vitro, Vol. 14, No. 5, 1978, pp. 443-450
AMF	QX	B. R. JORDAN et al., "Transformation of Murine LMTK-Cells with Purified HLA Class I Genes", Immunogenetics, 18:165-171, 1983

Examiner /Anne Marie Falk/	Date Considered
---------------------------------	-----------------

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 242993US55CONT		SERIAL NO. New U.S. Application	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Bernhard O. PALSSON et al			
				FILING DATE Herewith		GROUP 1632	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	RA						
	RB						
	RC						
	RD						
	RE						
	RF						
	RG						
	RH						
	RI						
	RJ						
	RK						
	RL						
	RM						
	RN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	RO						
	RP						
	RQ						
	RR						
	RS						
	RT						
	RU						
	RV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
AMF	RW	E. Morioka et al, "Purification of a granulocyte colony-stimulating factor from the conditioned medium of a subclone of human bladder carcinoma cell line 5637, HTB9"; Res. Exp. Med. (1990), 190:229-238					
AMF	RX	Steven A. ROSENBERG et al., "In Vitro Growth of Murine T Cells II. Growth of In Vitro Sensitized Cells Cytotoxic for Alloantigens", The Journal of Immunology, Vol. 121, No. 5. November 1978, pp. 1951-1955					
AMF	RY	James Frank PARSONS et al., "In Vitro Cell Perfusion. 1. System for Continuous Observation of Cells and Analysis of Perfusion Fluid Suitable for Isolated Mast Cell and Macrophage Studies", Journal of Pharmacological Methods Vol. 8. pp. 073-089 (1982)					
AMF	RZ	S. R. ADAMSON et al., "Industrial Mammalian Cell Culture", The Canadian Journal of Chemical Engineering, Vol. 64, August 1986, pp. 531-539					
Examiner /Anne Marie Falk/				Date Considered			
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
242993US55CONTSERIAL NO.
New U.S. Application

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Bernhard O. PALSSON, et al.

FILING DATE

Herewith

GROUP

1632

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	SA						
	SB						
	SC						
	SD						
	SE						
	SF						
	SG						
	SH						
	SI						
	SJ						
	SK						
	SL						
	SM						
	SN						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	SO					
	SP					
	SQ					
	SR					
	SS					
	ST					
	SU					
	SV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

AMF	SW	Avshalom MIZRAHI, "Production of Biologicals from Animal Cells an Overview", Process Biochemistry, (August 1986), pp. 108-112
AMF	SX	Eastment and Rusceth, "Evaluation of Hematopoiesis in Long-Term Bone Marrow Culture: Comparison of Species Differences" In Long-Term Bone Marrow Culture, Kroc oundation Series Vol. 18, Proceeding of a Symposium Held at the Kroc Foundation Santa Ynax Valley, California, September 12-16, 1983
AMF	SY	Clark, John Wiley & Sons, The Experimental Foundations of Modern Immunology, page 14.
AMF	SZ	Connie J. Eaves et al., "Methodology of Long-Term Culture of Human Hemopoietic Cells", J. Tiss. Cult. Meth 13:55-62, 1991

Examiner /Anne Marie Falk/

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 242993US55CONT		SERIAL NO. New U.S. Application	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Bernhard O. PALSSON et al			
				FILING DATE May 18, 1997		GROUP 1632	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	TA						
	TB						
	TC						
	TD						
	TE						
	TF						
	TG						
	TH						
	TI						
	TJ						
	TK						
	TL						
	TM						
	TN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	TO						
	TP						
	TQ						
	TR						
	TS						
	TT						
	TU						
	TV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
AMF	TW	Yu-Chung YANG et al., "Human IL-3 (Multi-CSF): Identification by Expression Cloning of a Novel Hematopoietic Growth Factor Related to Murine IL-3", Cell, Vol. 47, pp. 3-10, October 10, 1986					
	TX	Dunbar et al., Gene transfer into hematopoietic progenitor and stem cells: Progress and problems. Stem Cells, 12:563-576					
	TY	Friedmann et al., Overcoming the obstacles to gene therapy. Sci. Am. pp. 96-101					
AMF	TZ	Orkin and Motulsky. Report and recommendations of the panel to assess the NIH investment in research on gene therapy.					
Examiner /Anne Marie Falk/					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 242993US55CONT		SERIAL NO. New U.S. Application	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Bernhard O. PALSSON et al		10/668,179	
				FILING DATE May 16, 1997		GROUP 1632	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	UA						
	UB						
	UC						
	UD						
	UE						
	UF						
	UG						
	UH						
	UI						
	UJ						
	UK						
	UL						
	UM						
	UN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	UO						
	UP						
	UQ						
	UR						
	US						
	UT						
	UU						
	UV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
AMF	UW	Verma et al. Gene therapy -promises, problems and prospects. Nature 389:239-242					
AMF	UX	Kuby; Clinical Transplantation, 1994, Immunology: 573.					
AMF	UY	R. Ian FRESHNEY, "Culture of Animal Cells A Manual of Basic Technique", (1987) Department of Medical Oncology Cancer Research Campaign Laboratories University of Glasgow, Second Addition, pp. 305-307, Alan R. Liss, Inc. (New York)					
	UZ						
Examiner /Anne Marie Falk/					Date Considered 10/15/2006		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							